

SBR No : 000051/23-24

BR No : 000051/23-24

Date : 08/9/2023

Original/Duplicate/Triplicate  
CONTRACT CERTIFICATE  
(For Other Works)

Date : 08/9/2023

No. RA bill

Division: Electrical (Dasarahalli) JOB NO : 014-22-000002

Sub-Division: Electricals

Head of Account : P0300 M &amp; R to street lights-Replacement of burnt bulbs etc

Bill Received No. Dated Book Voucher No..... Dated...

Schedule Docket Name of Work :- Annual Maintenance of street lights package D-4 in Bagalagunte ward no 14

Bill Period: 01.08.2023 to 31.08.2023 (1 Months)

Name of Contractor and Full Address:- M/s. M.J NINGEGOWDA (CHOWDESHWARI ELECTRICALS)

Date: 31.03.2022

Reference to Agreement No:- EE/El/DZ/TEND/AG/000012/2021-22

Date: 04.04.2022

Reference to Work order No:- EE/El/DZ/TEND/WO/000004/2022--23

Date: 24.03.2023

Reference to Supplementatry Agreement No:- EE/El/DZ/TEND/SAG/24/2022-23

Date: 24.03.2023

Reference to Supplementatry Work order No:- EE/El/DZ/TEND/SWO/30/2022--23

Date: 24.03.2023

Certified that the measurements were taken by me on 08/9/2023 and recorded of Pages 689791 to 689794

measurement Book No. 6898 And that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 05/9/2023 and four Assistant Engineer (Ele) Bruhat Bengaluru Mahanagara Palike

satisfactorily executed.  
Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

## II Memorandum of Payment

## Sub-Division Officer

|                                                                                                                      |                            |              |
|----------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|
| 1) Total value of work done or supplies made as per account within                                                   | upto bill                  | 5871708 = 00 |
| 2) Deduct amount to be held in reserve being 10 percent Rs                                                           | Previous                   | 5568121 = 00 |
| 3) "                                                                                                                 | Present                    | 803587 = 00  |
| 4) Deduct Payment:                                                                                                   | TWD                        | 295215 = 00  |
| a) Amount of previous payment as in the Office Cash Book Voucher                                                     |                            | 2952 = 00    |
| No.....Dated.....S.D. No.....                                                                                        | Amount adjusted towards IT | 2952 = 00    |
| cash advance recovery of                                                                                             | Cash                       | 2952 = 00    |
| b) Payments } cost store or other material supplied.                                                                 | Seest                      | 2952 = 00    |
| Now made } recovery of amount creditable to this/other work                                                          | LWC                        | 2952 = 00    |
| Amount paid on this bill Cheque / Cash.                                                                              | CBF                        | 295 = 00     |
| 5) Balance being unpaid value of work done held in reserve.                                                          | Fine                       | 2800 = 00    |
| 6) Deduct cash advance made on the Office cash Book Voucher No.....                                                  | Scrap                      | 6072 = 00    |
| dated.....less adjustments.                                                                                          | deduction                  | 20475 = 00   |
| 7) Net amount due to or from Contractor                                                                              | un adjustments items       | 283112 = 00  |
| 8) Advance to Contractor for materials brought to site (as detailed) within. Value of Government materials supplied. | Contract                   |              |
|                                                                                                                      | Total amount adjusted -    |              |

Contractor's Signature

Received Rs..... (in words).....  
by cash and by adjustment of Payment as per memorandum  
(in final settlement of all demands)Audited and admitted for Rs. 803587/-  
(For use in the Office) 283112/-  
by adjustment Rs. 20475/-

Witness

1.

2.

Dated

Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

Accounts Superintendent

Exs. Engineer (Ele)

B.B.M.P. Dasarahalli Division



| Sl. No. | Description of item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Unit |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
|         | <b>Name of work: Annual Maintenance of street lights package D-4 in Baglagumie ward no 14</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |
| 1       | Operation and Maintenance of street lighting system including replacement of damaged/faulted/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light street lighting system.             | Each |
| 2       | Operation and Maintenance of street lighting system including replacement of damaged/faulted/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPWV Park lighting system.                                    | Each |
| 3       | Operation and Maintenance of street lighting system including replacement of damaged/faulted/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below Poles with 250W HPSV street lighting system.                        | Each |
| 4       | Operation and Maintenance of street lighting system including replacement of damaged/faulted/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /high mast lighting system.             | Each |
| 5       | Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/fused out components like LED drivers, MCPB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system.      | Each |
| 6       | Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/fused out components like LED drivers, MCPB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street light lighting system.         | Each |
| 7       | Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/fused out components like LED drivers, MCPB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system.                     | Each |
| 8       | Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/fused out components like LED drivers, MCPB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 110/120 watt LED street light lighting system.            | Each |
| 9       | Operation and Maintenance of LED street lighting system including replacement of damaged/faulted/fused out components like LED drivers, MCPB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise street light data bank furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /high mast lighting system. | Each |
| 10      | Supply and installation / Fixing / Provision of Outdoor Type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded basket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SMA/MC facility-300mmx450mmx214mm                                                    | Each |

| Previous Measurement |            |      | Present Measurement |         |                                       | Total Up to Date |  | Remarks |
|----------------------|------------|------|---------------------|---------|---------------------------------------|------------------|--|---------|
| Qty.                 | Cost       | Qty. | Rate<br>Rs. P.      | Amount  | Qty                                   | Cost             |  |         |
|                      |            |      |                     |         | Up to Date paid so far X<br>17 months |                  |  |         |
| 582X16Months         | 99661.68   | 0    | 685/12=57.08        | 57.08   | 582X17Mont<br>hs                      | 99661.68         |  |         |
| 582X16Months         | 104832.00  | 104  | 756/12=63.00        | 63.00   | 582X17Mont<br>hs                      | 111384.00        |  |         |
| 582X16Months         | 3557611.52 | 2642 | 1010/12=84.16       | 84.16   | 582X17Mont<br>hs                      | 3779962.24       |  |         |
| 582X16Months         | 190791.68  | 128  | 1118/12=93.16       | 93.16   | 582X17Mont<br>hs                      | 202716.16        |  |         |
| 582X16Months         | 197111.04  | 168  | 880/12=73.33        | 73.33   | 582X17Mont<br>hs                      | 209430.48        |  |         |
| 582X16Months         | 405259.20  | 265  | 1147/12=95.58       | 95.58   | 582X17Mont<br>hs                      | 430587.90        |  |         |
| 582X16Months         | 222156.00  | 121  | 1377/12=114.75      | 114.75  | 582X17Mont<br>hs                      | 236040.75        |  |         |
| 0                    | 0.00       | 0    | 0                   | 0.00    | 0                                     | 0.00             |  |         |
| 0                    | 0.00       | 0    | 0                   | 0.00    | 0                                     | 0.00             |  |         |
| 20                   | 102540.00  | 0    | 0                   | 5127.00 | 20                                    | 102540.00        |  |         |

13 Supplying and fixing Microprocessor timer Switch with...

|                                                                                                                                              |                                                                                                                                                                                                                                                                                             |      |
|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 11                                                                                                                                           | Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947 100 to 125Amps                                                                              | Each |
| 12                                                                                                                                           | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898.50-63 Amps SP | Each |
| 13                                                                                                                                           | Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.                                                                                                                                                                           | Each |
| 14                                                                                                                                           | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:conforming to latest amendments.6 sqmm                                         | Mtr  |
| 15                                                                                                                                           | Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.6 sqmm                                                                                                                                                                               | Each |
| Sub Total                                                                                                                                    |                                                                                                                                                                                                                                                                                             |      |
| Add GST 18%                                                                                                                                  |                                                                                                                                                                                                                                                                                             |      |
| Total                                                                                                                                        |                                                                                                                                                                                                                                                                                             |      |
| Fine imposed for non burning of street lights For the period of 01.08.2023 to 31.08.2023 and GPS time violation Penalty for the present bill |                                                                                                                                                                                                                                                                                             |      |
| As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material                    |                                                                                                                                                                                                                                                                                             |      |
| GRAND TOTAL                                                                                                                                  |                                                                                                                                                                                                                                                                                             |      |

#### Certificate

- The above said monthly maintenance work has been carriedout satisfactorily

Assistant Engineer (Ele)  
Bruhath Bengaluru Mahanagara Palike  
Dasarahalli Zone, Bengaluru

ASST. EXECUTIVE ENGINEER (Ele)  
Bruhath Bengaluru Mahanagara Palike  
Dasarahalli Zone, Bangalore

|            |           |      |          |         |           |     |            |
|------------|-----------|------|----------|---------|-----------|-----|------------|
| 44         | 316800.00 | 0    | 0        | 7200.00 | 0.00      | 44  | 316800.00  |
| 46         | 33258.00  | 0    | 0        | 723.00  | 0.00      | 46  | 33258.00   |
| 48         | 193440.00 | 0    | 0        | 4030.00 | 0.00      | 48  | 193440.00  |
| 17         | 1190.00   | 0    | 0        | 70.00   | 0.00      | 17  | 1190.00    |
| 185        | 1295.00   | 0    | 0        | 7.00    | 0.00      | 185 | 1295.00    |
| 5285613.28 |           |      |          |         |           |     |            |
| 282508.35  |           | -12% | 35083.21 |         | 292360.09 |     | 5542890.16 |
| 5568121.63 |           | 18%  | 46309.84 |         | 257276.88 |     | 328818.19  |
|            |           | 18%  | 0.00     | 0.00    | 303586.72 |     | 5871708.35 |
|            |           |      |          |         | 0.00      |     |            |
|            |           |      |          |         | 303586.72 |     |            |
| 42000.00   |           |      |          |         | 2300.00   |     | 44300.00   |
| 96446.59   |           |      |          |         | 6071.73   |     | 102518.33  |
| 5429675.04 |           |      |          |         | 295214.98 |     | 5724890.02 |

